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ABSTRACT

This pathfinder is a guide to scientific and technical aspects of global climate change including meteorological and climatological aspects; biological, agricultural, and public policy implications; and the chemical processes involved. Sources are arranged by type of publication and include: (1) 10 reference sources; (2) 12 bibliographies; (3) 44 books; (4) 18 indexes and abstracts; (5) 17 journals; (6) 59 selected articles; (7) 17 conferences, seminars, symposia, and workshops; and (8) 24 government publications. Some sections include selected bibliographies with emphasis on recent publications. (LZ)

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Global Change Information Resources

GLOBAL CLIMATE CHANGE PATHFINDER; A Guide to Information Sources

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This pathfinder is a guide to the more scientific and technical aspects of global climate change including meteorological and climatological aspects; biological, agricultural, and public policy implications; and the chemical processes involved. Sources are arranged by type of publication. Some sections include selected bibliographies with emphasis on recent publications. For additional information or for assistance with using the sources listed here, please consult a librarian at your local library.

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Bair, Frank E., editor. *The Weather Almanac*. 6th ed. Detroit: Gale Research Co., 1992.
See "The Climatic System and Processes of Climatic Change," pp. 345-58 and "The Carbon Dioxide Problem," pp. 349-354.

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Useful entries include: Deforestation, pp. 42-51; The greenhouse effect and global warming, pp.52-65; and Organizations, pp. 256-356.

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Useful entries include: Carbon dioxide and climate, pp. 185-195; Climatic modification, inadvertent, pp. 287-293; Climatic change theories, pp. 212-221; Greenhouse effect, pp. 463-465; and Energy budget climatology, pp. 415-421. Each entry has a bibliography and cross references to other related entries.

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Contains chapters on climatology, measurements, and societal impacts. Other subjects of interest may be found in the index.

Landsberg, H. E., editor. *General Climatology*. 3 volumes. New York: Elsevier, 1969-1985. World Survey of Climatology volumes 1-3.
Provides general background information on many aspects of climatology including climatic fluctuations.

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Wright, Peter B. *Portrait of Climatic Change; A Survey of the Field and a Review of Recent Books*. Norwich, England: T.D. Davies (PCC), 1977. 46 p.
This bibliography is useful for locating historical works on climatic change.

BOOKS

Subject Headings: Two sets of subject headings, Library of Congress and Sears, are widely used in libraries in the United States. A librarian at your local library can tell you which is used there and help you select headings from the lists below, or suggest other subject headings, that will lead you to books on aspects of climate change that interest you.

Library of Congress	Sears
GLOBAL WARMING	CLIMATE
GREENHOUSE EFFECT, ATMOSPHERIC	METEOROLOGY
CLIMATIC CHANGES	WEATHER
GLOBAL TEMPERATURE CHANGES	ATMOSPHERE
CARBON CYCLE (BIOGEOCHEMISTRY)	POLLUTION
ATMOSPHERIC CARBON DIOXIDE	MAN--INFLUENCE ON NATURE
POLLUTION, ENVIRONMENTAL ASPECTS	ENVIRONMENT--GOVERNMENT POLICY
CROPS AND CLIMATE	FOREST INFLUENCES
MAN--INFLUENCE ON NATURE	
GEOPHYSICAL MONITORING FOR CLIMATIC CHANGE	

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Waggoner, Paul E. *Climate Change and U. S. Water Resources*. New York: Wiley, 1990.

Wuebbles, Donald J. and Jae Edmonds. *Primer on Greenhouse Gases*. Chelsea, MI: Lewis Publishers, Inc., 1991. 230 p.

Wyman, Richard L., editor. *Global Climate Change and Life on Earth*. New York: Routledge, Chapman and Hall, 1991, 282p.

INDEXES AND ABSTRACTS
Including Online and CD-ROM Databases

The following sources will lead to additional information in journal articles and other information sources. Most of these sources are also available as online databases that may be accessible through your local library. If a database is also available on CD-ROM, this is noted at the end of the listing. For help in selecting an index that includes the aspects of global warming that you are researching, please ask a librarian at your local library.

Applied Science and Technology Index. V.1 - , 1913 - . New York: H. W. Wilson Company.
Relevant subject headings include: GREENHOUSE EFFECT, ATMOSPHERIC OZONE, DEPLETION OF; and CLIMATIC CHANGES.
Available on CD-ROM.

Bibliography of Agriculture. V.1 - , 1942 - . Phoenix, AZ: Oryx Press.
Relevant subject headings include: CLIMATIC CHANGES; CLIMATIC FACTORS; GREENHOUSE EFFECT, ATMOSPHERIC; AIR POLLUTION ENVIRONMENTAL ASPECTS; and GLOBAL WARMING.
Available on CD-ROM.

Biological Abstracts. V.1 - , Dec. 1926 - . Philadelphia: BIOSIS.
Relevant keywords include: GLOBAL WARMING; GREENHOUSE EFFECT; and GREENHOUSE GASES.
Available on CD-ROM.

Biological and Agricultural Index. 1964 - . New York: H. W. Wilson Company.
Relevant subject headings include: GREENHOUSE EFFECT; FORESTS AND CLIMATE; SOILS, EFFECT OF CLIMATE ON; CLIMATE, EFFECT ON PLANTS; CLIMATE, EFFECT ON CATTLE; and other subdivisions of CLIMATE.
Available on CD-ROM.

Chemical Abstracts. V.1 - , 1907 - . Columbus, OH: American Chemical Society.
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Environment Abstracts. V.1 - , Jan. 1971 - . New York: EIC Intelligence Publishing.
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General Science Index. V.1 - , 1978/79 - . New York: H. W. Wilson Company.
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Meteorological and Geoastrophysical Abstracts. V.1- , Jan. 1950- . Boston: American Meteorological Society.
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Relevant subject headings include: CLIMATOLOGY and ATMOSPHERIC TEMPERATURE.
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Pollution Abstracts. V.1 - , May 1970 - . Bethesda, MD: Cambridge Scientific Abstracts.
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Available on CD-ROM.

Readers' Guide to Periodical Literature. V.1 - , 1900 - . NY: H. W. Wilson Company.
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Relevant subject headings include: CLIMATIC CHANGES, GLOBAL WARMING and GREENHOUSE EFFECT.

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JOURNALS

While articles on global warming, the greenhouse effect, and climatic change appear in many periodicals, those listed below regularly publish articles or summarize important developments on these subjects.

Atmospheric Environment. New York: Pergamon Press

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EPA Journal. Washington, D.C.: U.S. Environmental Protection Agency.

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